

MASSACHUSETTS PEDIATRIC SPECTRUM OF DISEASE PROJECT AND MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM

Pediatric (Age <13 Years at Diagnosis) HIV Infection in Massachusetts: Summaries from Two Reporting Systems

Alive* Cases Only	Pediatric Spectrum of Disease (PSD) Project						HIV/AIDS Surveillance	
Data as of 02/01/04	HIV		AIDS		HIV/AIDS		AIDS	
	No.	%	No.	%	No.	%	No.	%
	215	100%	94	100%	309	100%	93	100.0%
Residence (HSR)								
Boston	52	24.2%	34	36.2%	86	27.8%	31	33.3%
Central	17	7.9%	8	8.5%	25	8.1%	9	9.7%
Metrowest	18	8.4%	9	9.6%	27	8.7%	13	14.0%
Northeast	40	18.6%	12	12.8%	52	16.8%	14	15.1%
Southeast	24	11.2%	12	12.8%	36	11.7%	15	16.1%
Western	31	14.4%	6	6.4%	37	12.0%	11	11.8%
Unknown	33	15.3%	13	13.8%	46	14.9%	0	0.0%
Gender								
Male	111	51.6%	52	55.3%	163	52.8%	51	54.8%
Female	104	48.4%	42	44.7%	146	47.2%	42	45.2%
Race/Ethnicity								
White	57	26.5%	17	18.1%	74	23.9%	24	25.8%
Black	85	39.5%	44	46.8%	129	41.7%	40	43.0%
Hispanic	69	32.1%	32	34.0%	101	32.7%	29	31.2%
Other/Unknown	4	1.9%	1	1.1%	5	1.6%	0	0.0%
Mode of Exposure								
Perinatal**	209	97.2%	92	97.9%	301	97.4%	82	88.2%
M IDU	77	36.8%	23	25.0%	100	33.2%	25	26.9%
M Sex with IDU	32	15.3%	20	21.7%	52	17.3%	16	17.2%
M HIV Positive	77	36.8%	33	35.9%	110	36.5%	27	29.0%
M Sex with HIV Positive	14	6.7%	12	13.0%	26	8.6%	13	14.0%
Other***	9	4.3%	4	4.3%	13	4.3%	1	1.1%
Post-perinatal	6	2.8%	2	2.1%	8	2.6%	11	11.8%
Current Age (in Years)								
Under 5	10	4.7%	6	6.4%	16	5.2%	4	4.3%
5 to 9	50	23.3%	14	14.9%	64	20.7%	13	14.0%
10 to 14	105	48.8%	38	40.4%	143	46.3%	32	34.4%
15 to 19	42	19.5%	31	33.0%	73	23.6%	32	34.4%
20 to 24	8	3.7%	5	5.3%	13	4.2%	8	8.6%
Over 24	0	0.0%	0	0.0%	0	0.0%	4	4.3%

*Includes children under active follow-up and those not under active follow up who are not known to have died

**Exposure from an HIV-infected mother

***Includes M Sex with Bisexual Male, M sex with Hemophilic, M transfusion/transplant recipient and those still being followed-up for risk information

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Pediatric (Age <13 Years at Diagnosis) HIV Infection in Massachusetts: Pediatric Spectrum of Disease Project Summary

Active* Cases Only		Pediatric Spectrum of Disease (PSD) Project					
Data as of 02/01/04		HIV		AIDS		HIV/AIDS	
		No.	%	No.	%	No.	%
		170	100%	70	100%	240	100%
Residence (HSR)							
	Boston	45	26.5%	28	40.0%	73	30.4%
	Central	13	7.6%	8	11.4%	21	8.8%
	Metrowest	17	10.0%	7	10.0%	24	10.0%
	Northeast	30	17.6%	7	10.0%	37	15.4%
	Southeast	20	11.8%	7	10.0%	27	11.3%
	Western	26	15.3%	4	5.7%	30	12.5%
	Unknown	19	11.2%	9	12.9%	28	11.7%
Gender							
	Male	92	54.1%	38	54.3%	130	54.2%
	Female	78	45.9%	32	45.7%	110	45.8%
Race/Ethnicity							
	White	38	22.4%	10	14.3%	48	20.0%
	Black	73	42.9%	37	52.9%	110	45.8%
	Hispanic	56	32.9%	22	31.4%	78	32.5%
	Other/Unknown	3	1.8%	1	1.4%	4	1.7%
Mode of Exposure							
	Perinatal**	169	99.4%	68	97.1%	237	98.8%
	M IDU	61	36.1%	15	22.1%	76	32.1%
	M Sex with IDU	21	12.4%	13	19.1%	34	14.3%
	M HIV Positive	67	39.6%	29	42.6%	96	40.5%
	M Sex with HIV Positive	13	7.7%	8	11.8%	21	8.9%
	Other***	7	4.1%	3	4.4%	10	4.2%
	Post-perinatal	1	0.6%	2	2.9%	3	1.3%
Current Age (in Years)							
	Under 5	10	5.9%	5	7.1%	15	6.3%
	5 to 9	46	27.1%	13	18.6%	59	24.6%
	10 to 14	84	49.4%	25	35.7%	109	45.4%
	15 to 19	30	17.6%	22	31.4%	52	21.7%
	20 to 24	0	0.0%	5	7.1%	5	2.1%
	Over 24	0	0.0%	0	0.0%	0	0.0%

*Includes only children under active follow-up

**Exposure from an HIV-infected mother

***Includes M Sex with Bisexual Male, M sex with Hemophiliac, M transfusion/transplant recipient and those still being followed-up for risk information